

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 08146444
PUBLICATION DATE : 07-06-96

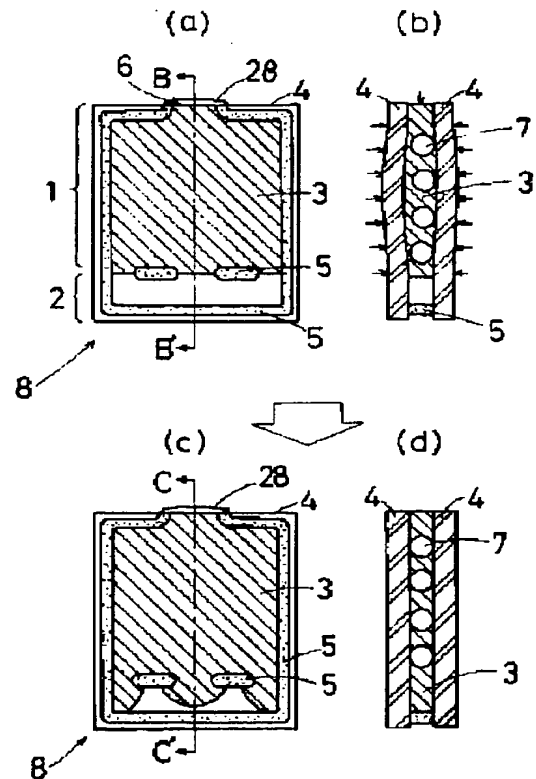
APPLICATION DATE : 21-11-94
APPLICATION NUMBER : 06286446

APPLICANT : NIPPONDENSO CO LTD;

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INT.CL. : G02F 1/1341 G02F 1/13

TITLE : PRODUCTION OF LIQUID CRYSTAL
DISPLAY ELEMENT



ABSTRACT : PURPOSE: To straighten a liquid crystal layer of a liquid crystal panel produced by heating a liquid crystal such as AFLC in a gel state at room temp. into a liquid state and injecting it in the liquid crystal panel and to carry out the straightening process for plural panels at one time.

CONSTITUTION: A liquid crystal panel 8 is divided into a liquid crystal panel part 1 and an attached part 2, and the liquid crystal panel part 1 is filled with a liquid crystal 3 in a liquid crystal filling process. In this state as shown in (b), the center part of the liquid crystal panel 8 is swollen. The liquid crystal panel 8 in this state is pressed and heated to change the liquid crystal 3 into a liquid state to flatten the liquid crystal panel 8 so that the excess liquid crystal 3 is sent to the attached part 2 (b), (c). Then the liquid crystal is cooled to return into a gel liquid crystal state while the pressed state is maintained. Then the border between the liquid crystal panel part 1 and the attached part 2 is removed to leave only the liquid crystal panel 1.

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